

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent No.: 6,433,851

Issue Date: August 13, 2002

In re Patent Application of

SHIMADA et al

Serial No. to be assigned

Filed: February 4, 2004



Atty. Ref.: 829-620

Group:

Examiner:

For: TRANSMISSION TYPE LIQUID CRYSTAL
DISPLAY HAVING A TRANSPARENT
COLORLESS ORGANIC INTERLAYER
INSULATING FILM BETWEEN PIXEL
ELECTRODES AND SWITCHING

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MAIL STOP REISSUE
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

REISSUE DECLARATION

We, Takayuki Shimada, Masaru Kajitani, Masaya Okamoto, Naofumi Kondo, Mikio Katayama, Yoshikazu Sakuhana, Akihiro Yamamoto, Yukinobu Nakata, Hirohiko Nishiki and Yoshinori Shimada, depose and declare as follows:

1. We are the originally-named inventors for the captioned patent. At least at the time of filing the captioned application, we were employees of Sharp Kabushiki Kaisha, 22-22, Nagaike-cho, Abeno-ku, Osaka 545-8522 Japan. We assigned the captioned patent to Sharp Kabushiki Kaisha, 22-22, Nagaike-cho, Abeno-ku, Osaka 545-8522 Japan (our assignee).

2. Our residences, post office addresses and citizenships as of the time of filing the captioned reissue application are as stated below next to our names.

3. We believe ourselves to be the original, first and joint inventors of the subject matter which is claimed in the reissue application filed on February 4, 2004 and for which the captioned reissue patent is sought on the invention entitled TRANSMISSION TYPE LIQUID CRYSTAL DISPLAY HAVING AN ORGANIC INTERLAYER ELEMENTS FILM BETWEEN PIXEL ELECTRODES AND SWITCHING.

4. We hereby state that we have reviewed and understand the contents of the above identified specification (e.g., the reissue application filed on February 4, 2004), including the claims, as amended by any amendment referred to above.

5. We further state that we have read and understood this Declaration.

6. We acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, 1.56(a).

7. We hereby claim foreign priority benefits under title 35, United States Code, §119, of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s):

<u>Application No.</u>	<u>Country</u>	<u>Day/Month/Year Filed</u>
7-206367	Japan	August 11, 1995
7-254043	Japan	September 29, 1995

8. We hereby claim priority benefit under title 35, United States Code, §120/365, of any U.S. application(s) listed below:

Prior United States Application(s):

<u>Application No.</u>	<u>Day/Month/Year Filed</u>
09/592,857	12 June 2000 (now US Patent 6,195,138)
09/110,134	6 July 1998 (now US Patent 6,097,452)
08/695,632	12 August 1996 (now US Patent 6,052,162)

9. We are seeking reissue of the captioned patent in view of our belief that the captioned application is wholly or partially inoperative by reason of the patentees claiming less than they had a right to claim in the original patent.

10. In particular, we believe that we had a right to claim the subject matter of reissue application claims such as claims 34 – 51.

11. All errors which are being corrected in the present reissue application up to the time of filing of this declaration arose without any deceptive intention on the part of the applicants.

12. We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first inventor: Takayuki SHIMADA

Inventor's signature Takayuki Shimada Date April 15, 2004

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Full name of sixth inventor: Yoshikazu SAKUHANA

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Full name of seventh inventor: Akihiro YAMAMOTO

Inventor's signature Akihiro Yamamoto Date April 15, 2004

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Full name of eighth inventor: Yukinobu NAKATA

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Full name of ninth inventor: Hirohiko NISHIKI

Inventor's signature Hirohiko Nishiki Date April 15, 2004

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Full name of tenth inventor: Yoshinori SHIMADA

Inventor's signature Yoshinori Shimada Date April 15, 2004

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Atty. Ref.: 829-620

Group:

Examiner:

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

ASSENT OF ASSIGNEE

Sharp Kabushiki Kaisha, a corporation having an office and place of business at Sharp Kabushiki Kaisha, 22-22, Nagaike-cho, Abeno-ku, Osaka 545-8522 Japan, represents that it is the assignee as evidence by an assignment document recorded in the US Patent Office on July 17, 1997 at Reel 8607/Frame 0795 et seq., of all right, title and interest in and to Application Serial No. 08/685,632, filed August 12, 1996 for TRANSMISSION TYPE LIQUID CRYSTAL DISPLAY HAVING A TRANSPARENT COLORLESS ORGANIC INTERLAYER INSULATING FILM BETWEEN PIXEL ELECTRODES AND SWITCHING.

In accordance with 37 CFR §1.172, Sharp Kabushiki Kaisha, 22-22, Nagaike-cho, Abeno-ku, Osaka 545-8522 Japan, the sole assignee of the captioned patent, hereby assents to the February 4, 2004 filing of a patent application in the United States Patent Office for reissue of the captioned patent. Sharp Kabushiki Kaisha further requests that

any reissue patent upon such application be granted to Sharp Kabushiki Kaisha, 22-22, Nagaike-cho, Abeno-ku, Osaka 545-8522 Japan in accordance with 37 CFR §1.172(b)

In accordance with 37 CFR §3.73(b), the evidentiary documents accompanying this document or referred to above have been reviewed by the undersigned and it is certified that to the best of the assignee's knowledge and belief, title is in the assignee seeking to take action.

Sharp Kabushiki Kaisha

By: Shigeo Terashima

Typed Name: Shigeo TERASHIMA
Group General Manager
Title: Intellectual Property Group

Date: April 15, 2004